Form PTO-1449 US Dept. of Comme (REV. 1/06) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO 128996		APPLICATION NO. 10/588,603					
	(Us	e several sheets if necessary)			CANT(S) HIRABAYASHI et al.					
				FILING August		GROUP 1793				
		U	S. PATEN	r DOCUN	MENTS					
Examiner Initials	Cite No.	Document Number Date		te Name						
	1	7,384,888	06/10/	2008	Kuno					
	2	6.358,880 B1	03/19/	2002	Hedouin et al.					
	3	2004/0082468 A1	04/29/	2004	Suzawa et al.					
	4	2003/0007926 A1	01/09/	2003	Jiang et al.					
	5	2002/0098975 A1	07/25/	2002	Kimura et al.					
	6	6,911,414 B2	06/28/	2005	Kimura et al.					
	7	7 2004/0186016 A1 09/23/		2004	Bog et al.					
	8	6,773,814 B2	08/10/	2004	Schumacher et al.					
	9	2005/0059547 A1	03/17/	2005	Kuno					
	10	2004/0087440 A1	05/06/	2004	Kuno					
	10	6,528,451 B2	03/04/	2003	Brezny et al.					
	12	7,314,846 B2	,314,846 B2 01/01/							
			08/02/	2007						
			03/04/1997		Chopin et al.					
		FORE	IGN PATE	NT DOC	UMENTS					
Examiner Initials	Cite No	Document Number	Da	te	Country	With English Abstract	With English Translation			
			OTHER D	OCUME	NTS					
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Date: January 15, 2010

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	(Us	se several sheets if necessary)			ANT(S) HIRABAYASHI et al.			
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		FOR	EIGN PAT	ENT DOC	UMENTS			
Examiner Initials	Cite No.			ite	Country	E	With inglish bstract	With English Translation
	15	JP-A-2002-346386	12/03	/2002	Japan		x	x
	16	EP 1 516 855 A1	03/23	/2005	Europe			
1	17	JP-A-03-277060	12/09	/1991	Japan		x	x
	18	WO 03/037506 A1	05/08	/2003	WIPO			
	19	JP-A-2003-117393	04/22	/2003	Japan		x	x
	20	JP-A-2002-331238	11/19	/2002	Japan		x	x
	21	JP-A-2005-254047	09/22/2005		Japan		х	x
	22	JP-A-2005-313024	11/10	/2005	Japan		x	x
	23	JP-A-2005-314134	11/10	/2005	Japan		х	x
	24	JP-A-2005-313028	11/10	/2005	Japan		x	x
	25	JP-A-9-255331	09/30	/1997	Japan		x	x
	26	DE 94 03 581 UI	06/09	/1994	Germany			
			OTHER E	OCUME	NTS			
Examiner Initials	Cite No.	Including name of the author (in CAP journal, serial, symposium, catalog, et	PITAL LETT tc.), date, pr	TERS), titl ige(s), vol	e of the article (when appropria ume-issue number(s), publisher,	te), title of the it , city and/or cou	em (book ntry when	, magazine, e published
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28 WO 2005/102933 A2 11/03/2005 WIPO 29 EP 1 371 415 A1 12/17/2003 Europe 30 EP 1 579 912 A2 99/28/2005 Europe 31 WO 2007/113674 A2 10/11/2007 WIPO 32 JP-A-05-279027 10/04/194 JAPAN x x 33 JP-A-2004-074138 03/11/2004 JAPAN x x 33 JP-A-2004-074138 03/11/2004 JAPAN x x 34 EP 1 415 956 A2 05/06/2004 EUROPE 35 JP-A-2003-277060 10/02/2003 Japan x x 36 KR 10-0295168 B1 99/17/2001 Korea OTHER DOCUMENTS Examiner Including name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), title of the item (book, magaziri ourund), serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish serial, symposium, catalog, etc.), date, page(a), volume-issue number(s),			Document Number	Da	ite	Country	English	n English	
29 EP 371 415 A1 12/17/2003 Europe		27	EP 1 284 277 A1	02/19	/2003	Europe	x		
30 EP 1579 912 A2 09/28/2005 Europe		28	WO 2005/102933 A2	11/03	/2005	WIPO			
31 WO 2007/113674 A2 10/11/2007 WIPO		29	EP 1 371 415 A1	12/17	/2003	Europe			
32 JP-A-06-279027 10/04/1994 JAPAN X X X X 33 JP-A-2004-074138 03/11/2004 JAPAN X X X X X 33 EP 1 415 956 A2 05/06/2004 EUROPE		30	EP 1 579 912 A2	09/28	/2005	Europe			
33 JP-A 2004-074138 03/11/2004 JAPAN X X X X X X X X X		31	WO 2007/113674 A2	10/11	/2007	WIPO			
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35 JP-A-2003-277060 10/02/2003 Japan x x x 36 KR 10-02/95168 B1 09/17/2001 Korea OTHER DOCUMENTS Examiner Including name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publish articles (when appropriate) and or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published articles (when appropriate), title of the item (book, magazinitials) ojumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publisher.		33 ЈР-Л-2004-074138		03/11/2004		JAPAN	х	×	
36 KR 10-0295108 Bl 909/17/2001 Korea OTHER DOCUMENTS Including name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazin unula), serial, symposium, catalog, etc.), date, page(a), volume-issue number(s), publisher, city and/or country where publish 37 U.S. Application No. 10/593,629 (Attorney Docket No. 129518) filed on 09/21/2006 in the name of Masahide MIURA. 38 U.S. Application No. 10/589,669 (Attorney Docket No. 129110) filed on 08/16/2006 in the name of Masahide MIURA.		33	EP 1 415 956 A2 05/0		/2004	EUROPE			
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38 U.S. Application No. 10/589,669 (Attorney Docket No. 129110) filed on 08/16/2006 in the name of Masahude MIURA.			Including name of the author (in CAPI journal, scrial, symposium, catalog, etc	TAL LETT c.), date, pa	ERS), titl ge(s), vol	e of the article (when appropriate ame-issue number(s), publisher, o	e), title of the item (b city and/or country v	ook, magazine, /here published.	
		37	U.S. Application No. 10/593,629 (Atto	orney Dock	et No. 129	9518) filed on 09/21/2006 in the	name of Masahide N	IIURA.	
39 U.S. Application No. 12/451,089 (Attorney Docket No. 143330) filed on 10/26/2009 in the name of Masshide MIURA.		38	U.S. Application No. 10/589,669 (Atto	orney Dock	et No. 129	9110) filed on 08/16/2006 in the	name of Masahide N	IIURA.	
39 U.S. Application No. 12/451,089 (Attorney Docket No. 143330) filed on 10/26/2009 in the name of Masahide MIURA.									
		39	U.S. Application No. 12/451,089 (Atto	orney Dock	et No. 143	3330) filed on 10/26/2009 in the	name of Masahide N	IIURA.	
40 U.S. Application No. 10/589,421 (Attorney Docket No. 129097) filed on 08/15/2006 in the name of Masahide MIURA.		40	11 S. Application No. 10/589 421 (Atta	omey Dock	et No. 126	2007) filed on 08/15/2006 in the	name of Masahide N	IIURA.	
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/Stefanie Cohen/

02/04/2010

Date: January 15, 2010

Form PTO-1449 US Dept. of Commerce (REV. 1/06) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. APPLICATION NO. 10/588,603						
	(U	ise several sheets if necessary)		APPLIC Takeshi	ANT(S) HIRABAYASHI et al.				
				FILING August			GROUP 1793		
		ī.	J.S. PATEN	T DOCU	MENTS				
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	41	Notice of Allowance issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 69/18/2009.							
	42	Office Action (Requirement for Restriction/Election) issued in U.S. Application No. 10/589,669 (Attorney Docket No. 129110)							
		on 08/12/2008.							
	43	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,669 (Attorney Docket No. 129110) on 11/05/2008.							
	44	Office Action (Final Rejection) issued in U.S. Application No. 10/589,669 (Attorney Docket No. 129110) on 04/28/2009.							
	45	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,669 (Attorney Docket No. 129110) on 11/18/2009.							
	46	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 09/17/2008.							
	47	Office Action (Non-Final Rejection) issued in U.S. Application No. 10/589,421 (Attorney Docket No. 129097) on 04/14/2009.							
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			OTHER	DOCUME	ENTS				
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	48	August 19, 2005 Search Report issued in PCT/JP2005/008458.							
	49	December 26, 2008 Office Action issued in Chinese patent application no. 200580013424.0							
	50	July 7, 2009 Office Action issued in Canadian patent application no. 2,562,556							
	51	August 10, 2005 Search Report issued in PCT/JP2005/008466.							
	52 August 11, 2005 Search Report issued in PCT//P2005/008465.								
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